

Ans A7
type III domains that begins with about V859 and extends to about at least Q946.

Please replace the third full paragraph on page 32, beginning line 24, with the following:

A8
Sequencing data from primer walking and subclones were assembled together to verify that all SL-3 regions had been sequenced from both strands. An open reading frame (ORF) was found in the 9 kilobase Bam H1 fragment, C-terminal of E1 (U.S. Patent 5,536,655), termed AviIII. An ORF of about 3 kb [SEQ ID NO:2] and deduced amino acid sequence [SEQ ID NO:1] are shown in Tables 1 and 2. The amino acid sequence predicted by SEQ ID NO:1 was determined to have significant homology to known cellulases, as is shown below in Example 2 and Table 3.

IN THE CLAIMS:

Please amend the claims to read as set forth below (clean copies of the amended claims are presented below while marked-up versions of the amended claims are included on a separate attachment per 37 C.F.R. § 1.121):

- AC*
RW/CJ
4. The composition of claim 1, 2, or 3 wherein the carbohydrate binding domain (CBD) III of the thermostable AviIII peptide is further defined as comprising a length of about 80 to about 160 amino acids.
 5. The composition of claim 1, 2, 3, or 4 wherein the carbohydrate binding domain (CBD) III of the thermostable AviIII peptide is further defined as comprising a length of about 154 amino acids.

REMARKS

The present paper is submitted as a complete response to the Notice mailed September 4, 2001. Applicants respectfully request that the present papers be made of record.

Should any additional issues need to be resolved, the Examiner is requested to telephone the undersigned to attempt to resolve those issues. If a further written action is required, Applicant requests that the prior final rejection be withdrawn for the reasons noted above.

Respectfully submitted,

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